

P&ID Analysis Results

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Total Issues: 5

Document: P&ID Analysis Results

P&ID Number	Issue Found	Action Required	Approval Status	Remark	Status
P16093-16-01-08-1684-1	Thermowell for TIT-3610-14A shown with 2" connection.	TIT tag no connection sizes are indicated as 2" which are higher than the minimum specified size of 1.5" as per 'AGES-PH-04-001, Rev-1, Table 14.1 instxxxxxxxx'. The selected size of 2" is as per project Legend Drawings.	' APPROVED	No remark needed	APPROVED
P16093-16-01-08-1684-2	Valve orientation incorrect in line 6".	Verify valve orientation per P&ID standards and correct as needed.	' IGNORED	Engineering review required for proper valve positioning and alignment with process flow requirements	IGNORED
P16093-16-01-08-1684-3	Missing isolation valve upstream of equipment.	Add isolation valve as per process safety requirements.	' IGNORED	Safety critical - requires immediate attention from design team and process safety review	IGNORED
P16093-16-01-08-1684-4	Pipe routing crosses structural member.	Coordinate with structural team for clearance verification.	PENDING	Under review by structural engineering team for clearance verification and potential routing modifications	PENDING
P16093-16-01-08-1684-5	Instrument connection size mismatch.	Update instrument specification to match field requirements.	' APPROVED	No remark needed	APPROVED

Summary:

' Approved: 2 ' Ignored: 2 #0 Pending: 1